

CITY OF WEST LAFAYETTE

W E T W E A T H E R P R O G R A M

Celery Bog Nature Center Drainage Improvements

Located between Cumberland Avenue and Lindberg Road west of U.S. 52 and U.S. 231, the Celery Bog Nature Center is home to 195 acres of trails, woods and marshes. Once a productive celery patch, Celery Bog is now a wetland area that many people enjoy visiting to observe waterfowl, hike trails, and enjoy the natural features.

However, in recent years, commercial development and poorly drained soils have caused the wetland to deteriorate. During thunderstorms, the Celery Bog floods causing standing water and flooding problems on Cumberland Avenue.

To improve stormwater drainage in the area surrounding the Celery Bog, the City of West Lafayette is considering various



Drainage to Improve on West Side of City



improvements that include the installation of a control structure to help manage stormwater drainage and wetland outfall improvements. Downstream channel improvements will provide erosion protection and help stabilize the condition of the drain north of the Celery Bog.

Once these improvements are implemented, the city will have the ability to better manage water levels during wet weather, which will improve the condition of the wetland and drainage in western West Lafayette. The bog's shoreline also will be more defined, and visitors will have improved access for nature observation.

Wetland Habitat to be Preserved

Highlights

Project: Drainage improvements to alleviate standing water

Estimated Project Cost: \$887,000

Status: Planning

Project Benefits:

- Improved stormwater drainage
- Reduced street and yard flooding
- Improved access for nature observation
- Opportunities to preserve the wetland
- Compliance with state and federal regulations

The Celery Bog Nature Center Drainage Improvement project is part of West Lafayette's capital improvement program to improve the water quality of the Wabash River and other local streams and to address poor drainage conditions. The projects will reduce chronic flooding and satisfy the requirements of the U.S. Environmental Protection Agency and the Indiana Department of Environmental Management.

